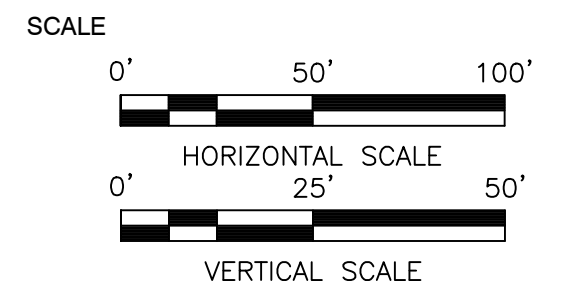


TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

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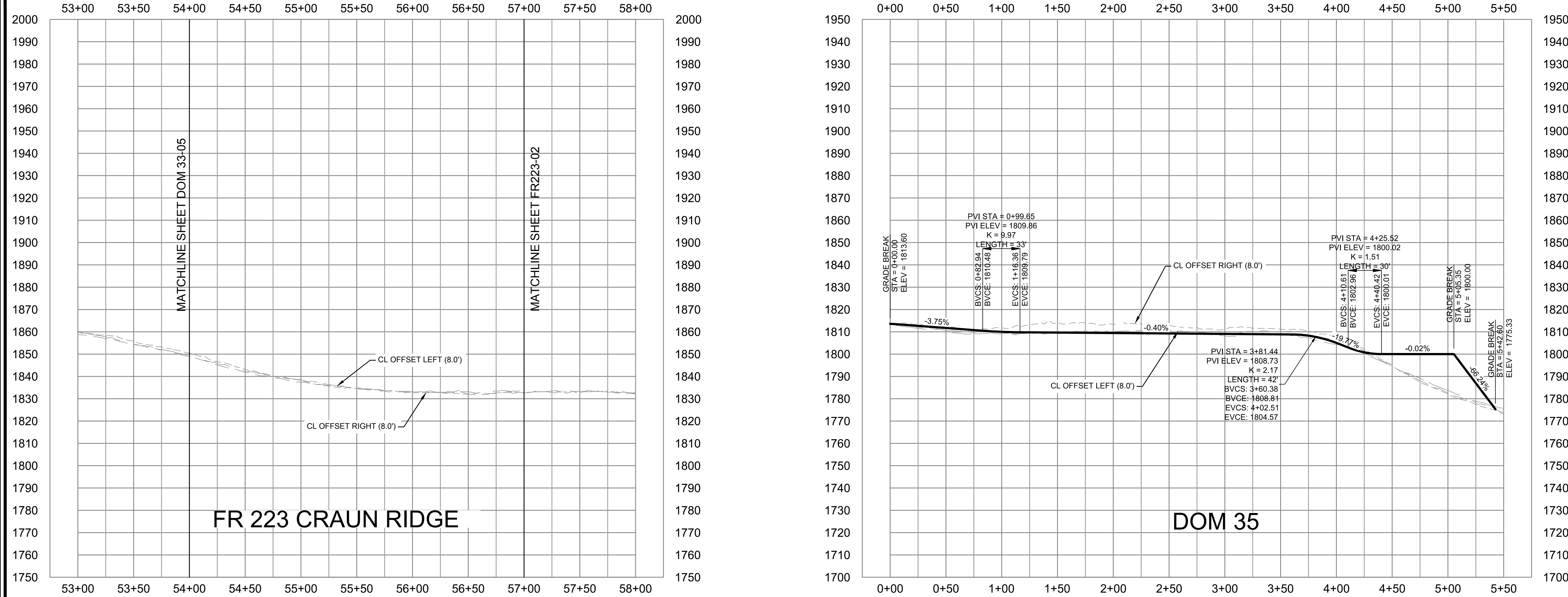
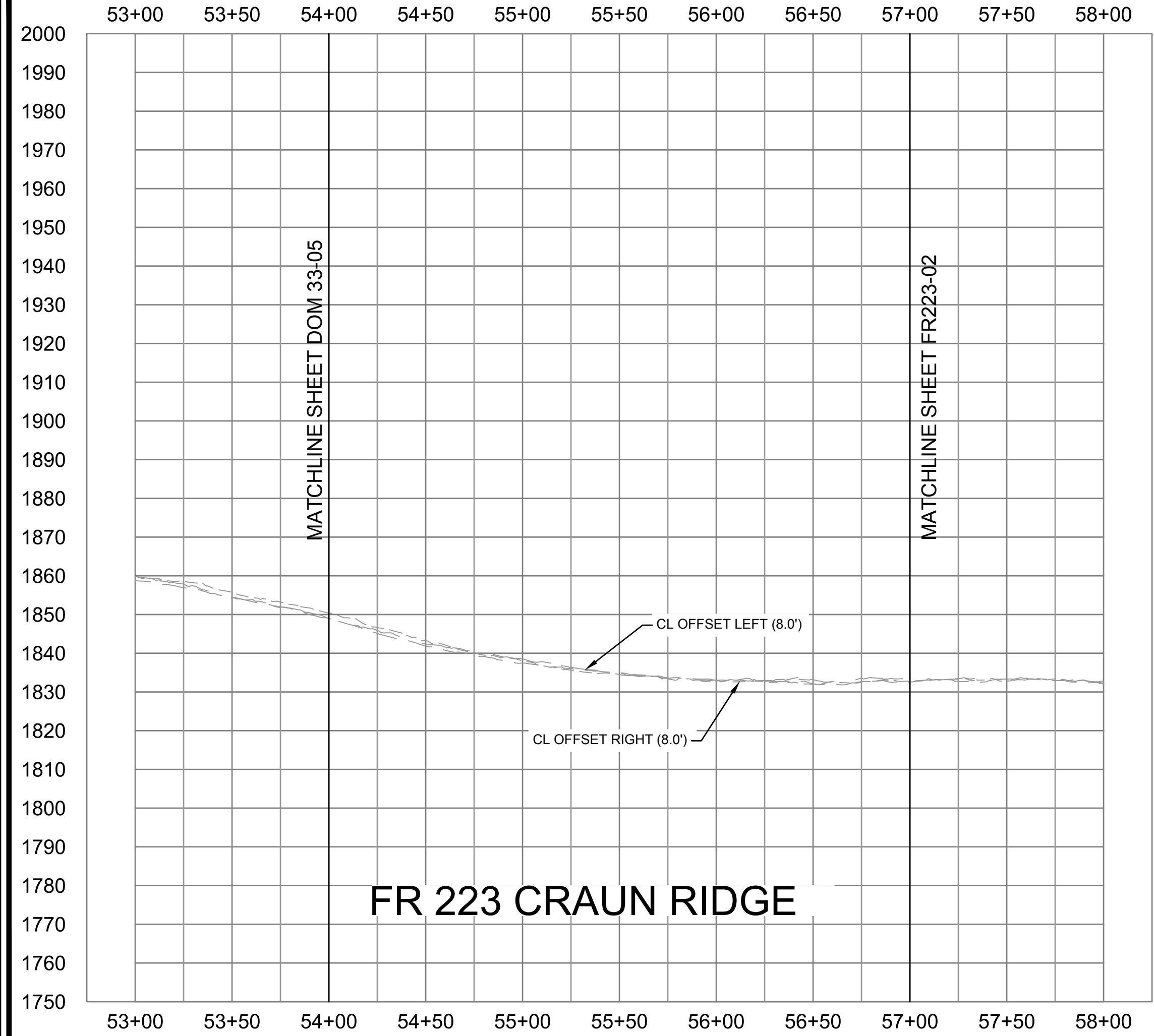
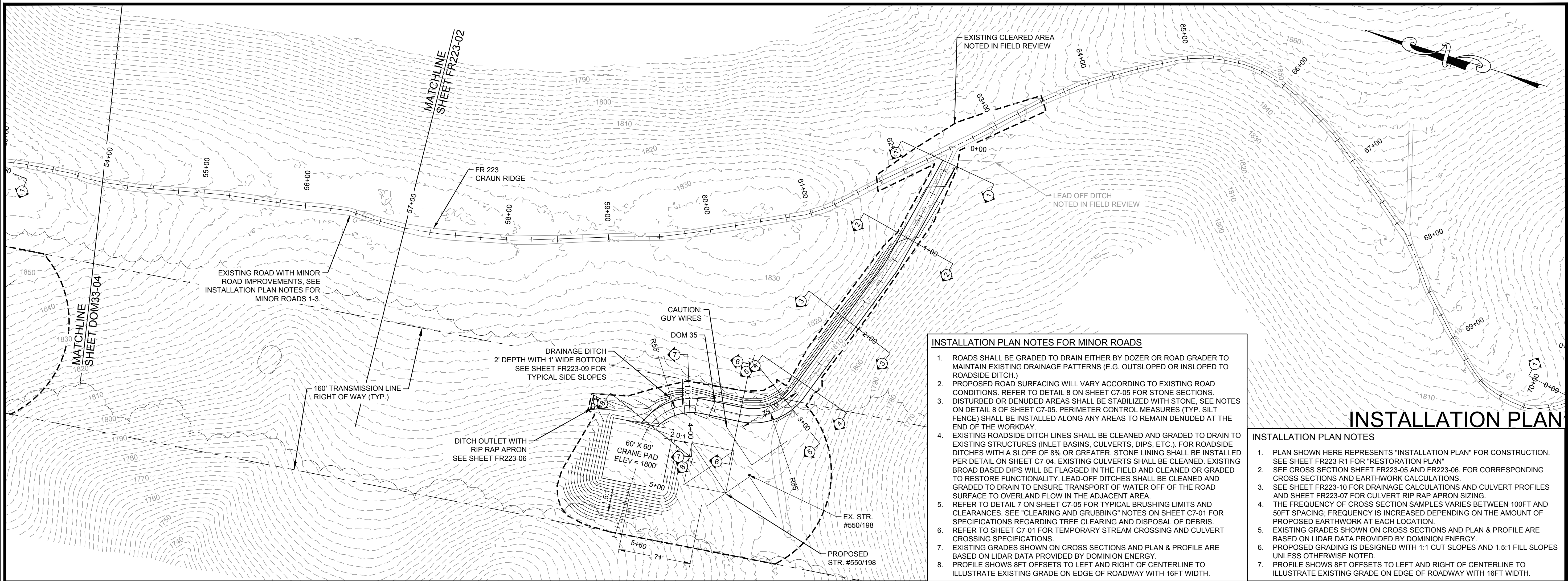
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FR 223 CRAUN
RIDGE & DOM 35
PLAN & PROFILE

PROJECT NO. 50106442

FR223-01

SHEET NO.





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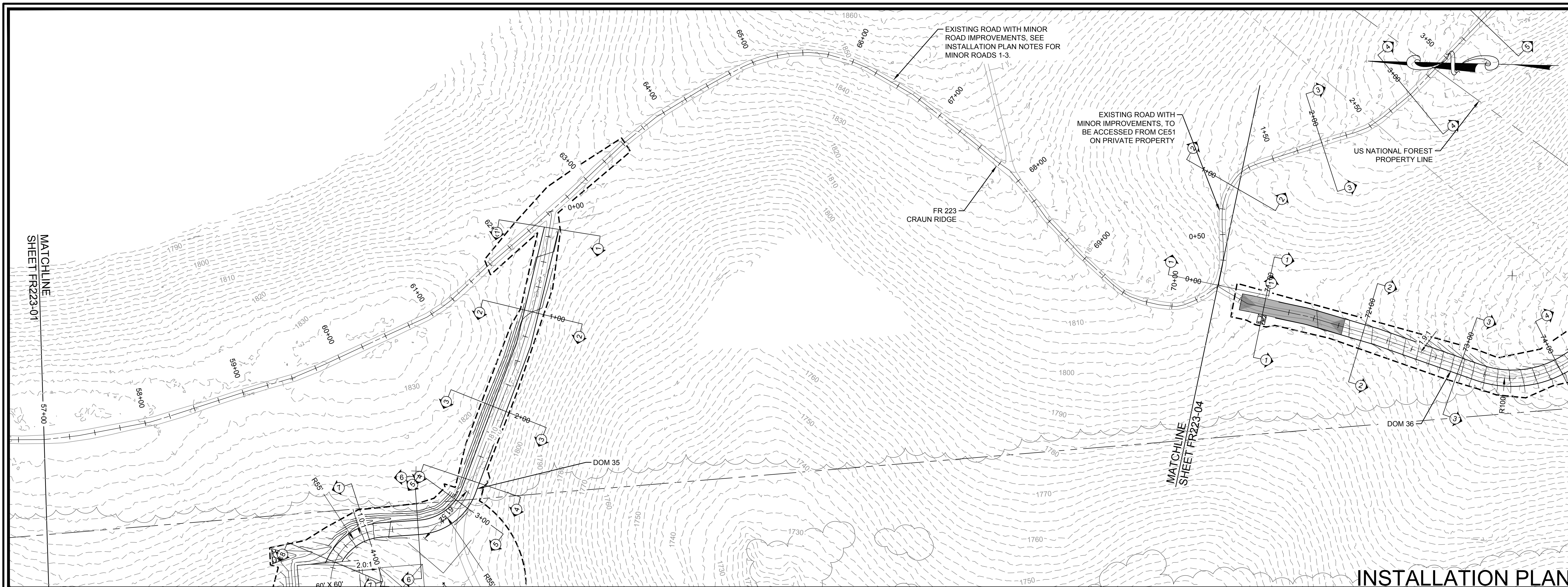
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FR 223 CRAUN
RIDGE & DOM 35
PLAN & PROFILE

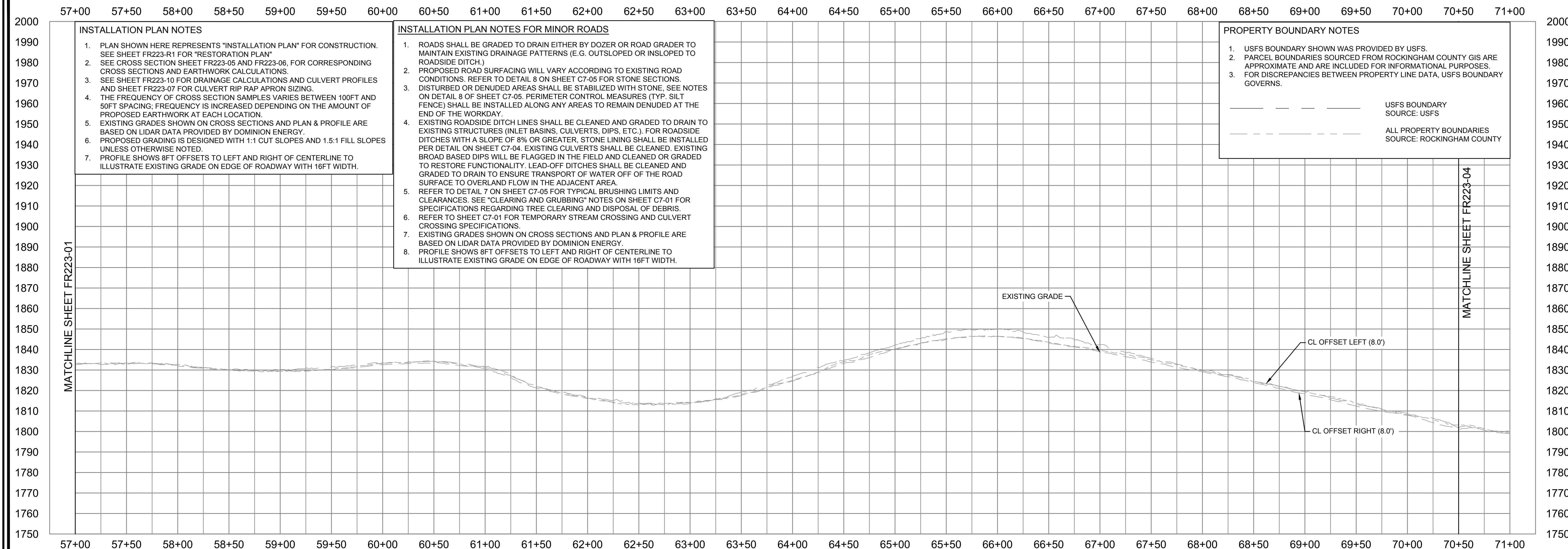
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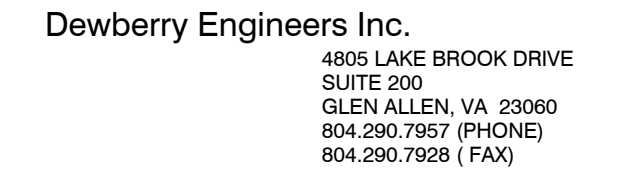
FR223-02

SHEET NO.



INSTALLATION PLAN





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Figure 1 consists of two scale bars. The top bar is labeled 'HORIZONTAL SCALE' and has markings for 0', 50', and 100'. The bottom bar is labeled 'VERTICAL SCALE' and has markings for 0', 25', and 50'.

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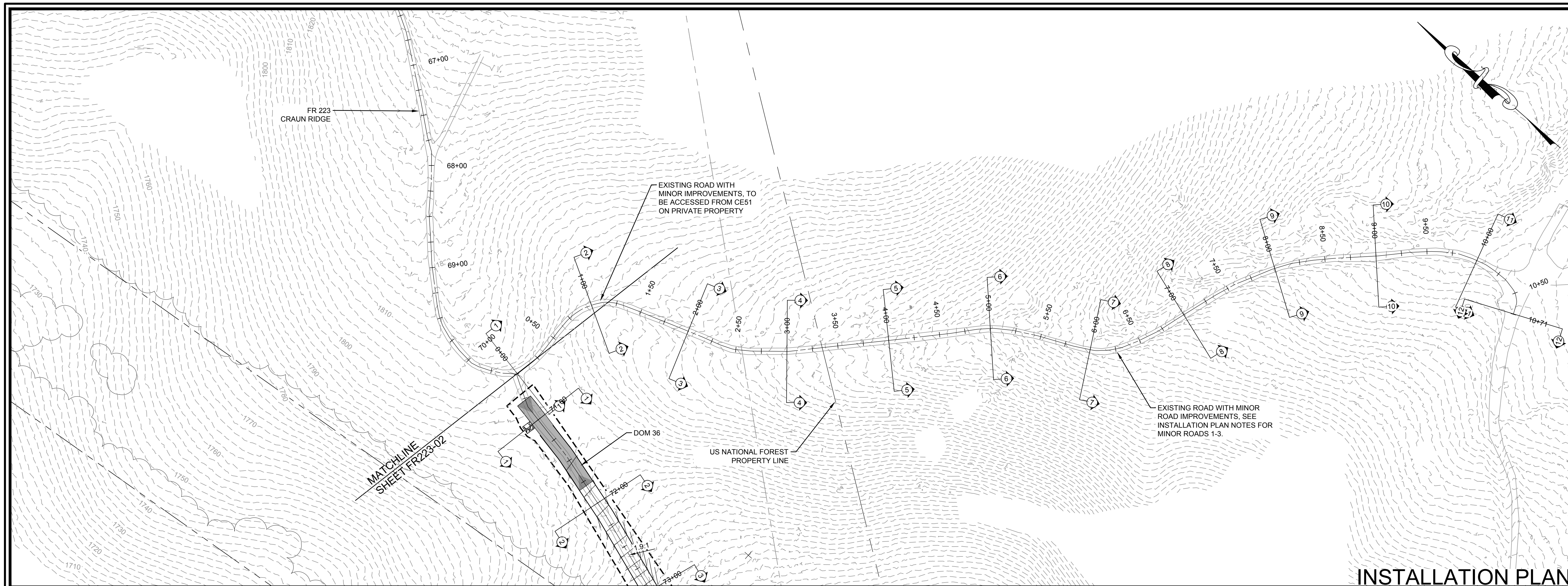
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FR 223 CRAUN
RIDGE & DOM 35
PLAN & PROFILE

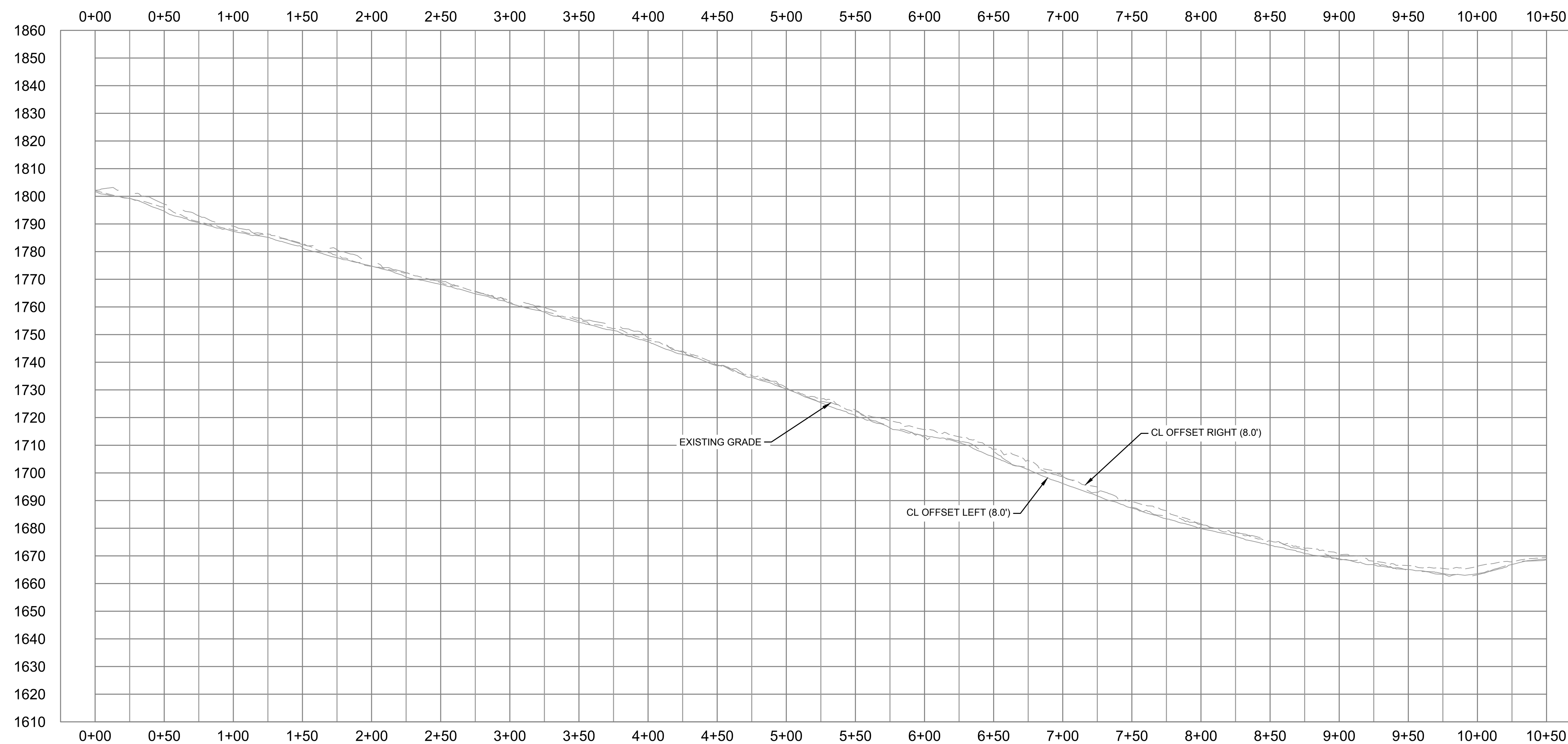
PROJECT NO. 50106442

FR223-03

SHEET NO.



INSTALLATION PLAN



INSTALLATION PLAN NOTES FOR MINOR ROADS

1. ROADS SHALL BE GRADED TO DRAIN EITHER BY DOZER OR ROAD GRADER TO MAINTAIN EXISTING DRAINAGE PATTERNS (E.G. OUTSLOPED OR INSLOPED TO ROADSIDE DITCH.)
2. PROPOSED ROAD SURFACING WILL VARY ACCORDING TO EXISTING ROAD CONDITIONS. REFER TO DETAIL 8 ON SHEET C7-05 FOR STONE SECTIONS.
3. DISTURBED OR DENUDEED AREAS SHALL BE STABILIZED WITH STONE. SEE NOTES ON DETAIL 8 OF SHEET C7-05. PERIMETER CONTROL MEASURES (TYP. SILT FENCE) SHALL BE INSTALLED ALONG ANY AREAS TO REMAIN DENUDEED AT THE END OF THE WORKDAY.
4. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STREET OR DRAINLET BASINS, CULVERTS, DIPS, ETC.). FOR ROADSIDE DITCHES WITH A SLOPE OF 8% OR GREATER, STONE LINING SHALL BE INSTALLED PER DETAIL ON SHEET C7-04. EXISTING CULVERTS SHALL BE CLEANED. EXISTING BROAD BASED DIPS WILL BE FLAGGED IN THE FIELD AND CLEANED OR GRADED TO RESTORE FUNCTIONALITY. LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
6. REFER TO SHEET C7-02 FOR TEMPORARY STREAM CROSSING AND CULVERT CROSSING SPECIFICATIONS.
7. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

PROPERTY BOUNDARY NOTES

1. USFS BOUNDARY SHOWN WAS PROVIDED BY USFS.
2. PARCEL BOUNDARIES SOURCED FROM ROCKINGHAM COUNTY GIS ARE APPROXIMATE AND ARE INCLUDED FOR INFORMATIONAL PURPOSES.
3. FOR DISCREPANCIES BETWEEN PROPERTY LINE DATA, USFS BOUNDARY GOVERNS.

USFS BOUNDARY
SOURCE: USFS

ALL PROPERTY BOUNDARIES
SOURCE: ROCKINGHAM COUNTY



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Diagram showing the scales for the horizontal and vertical axes. The horizontal scale ranges from 0' to 100' with a 25' interval. The vertical scale ranges from 0' to 50' with a 25' interval.

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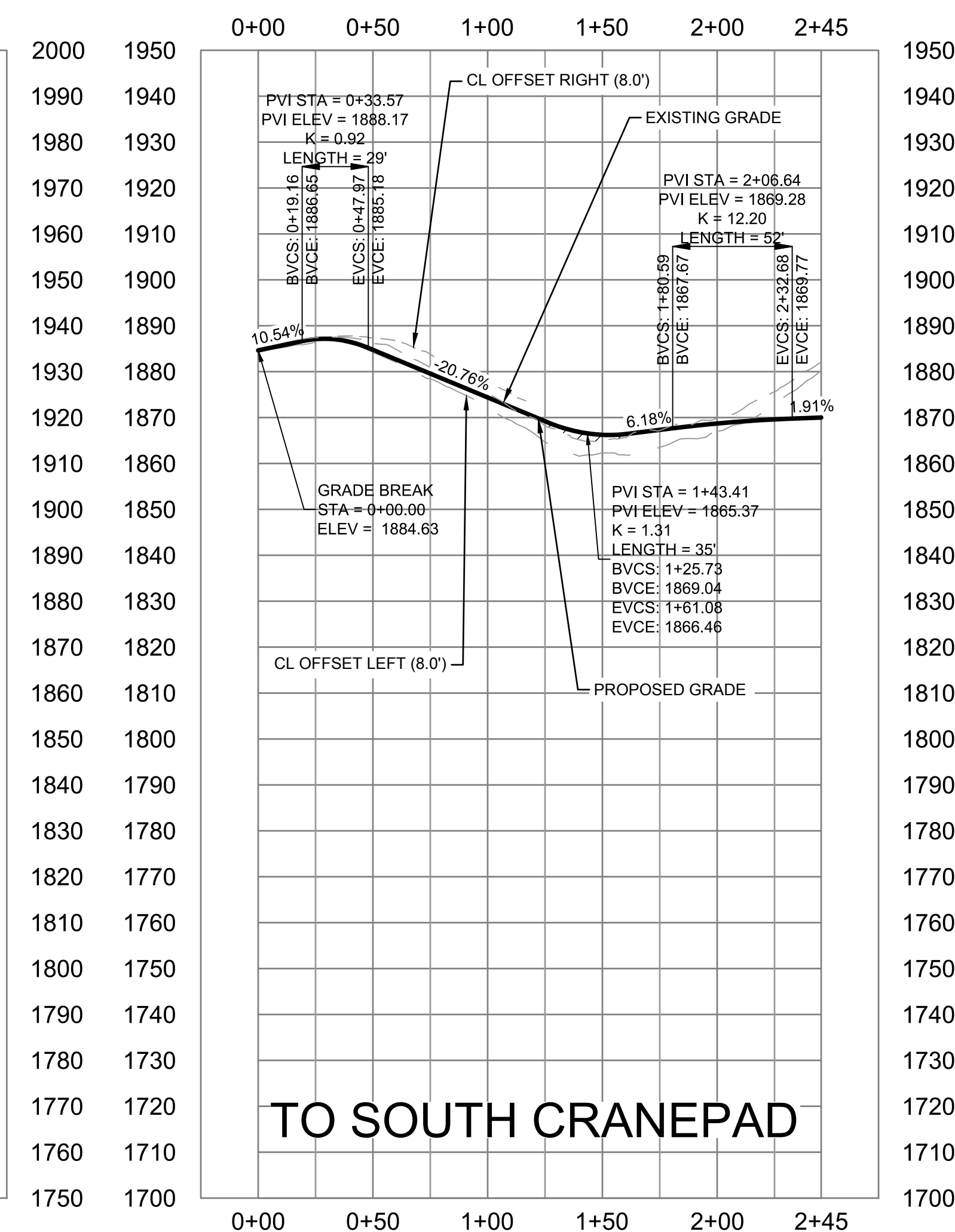
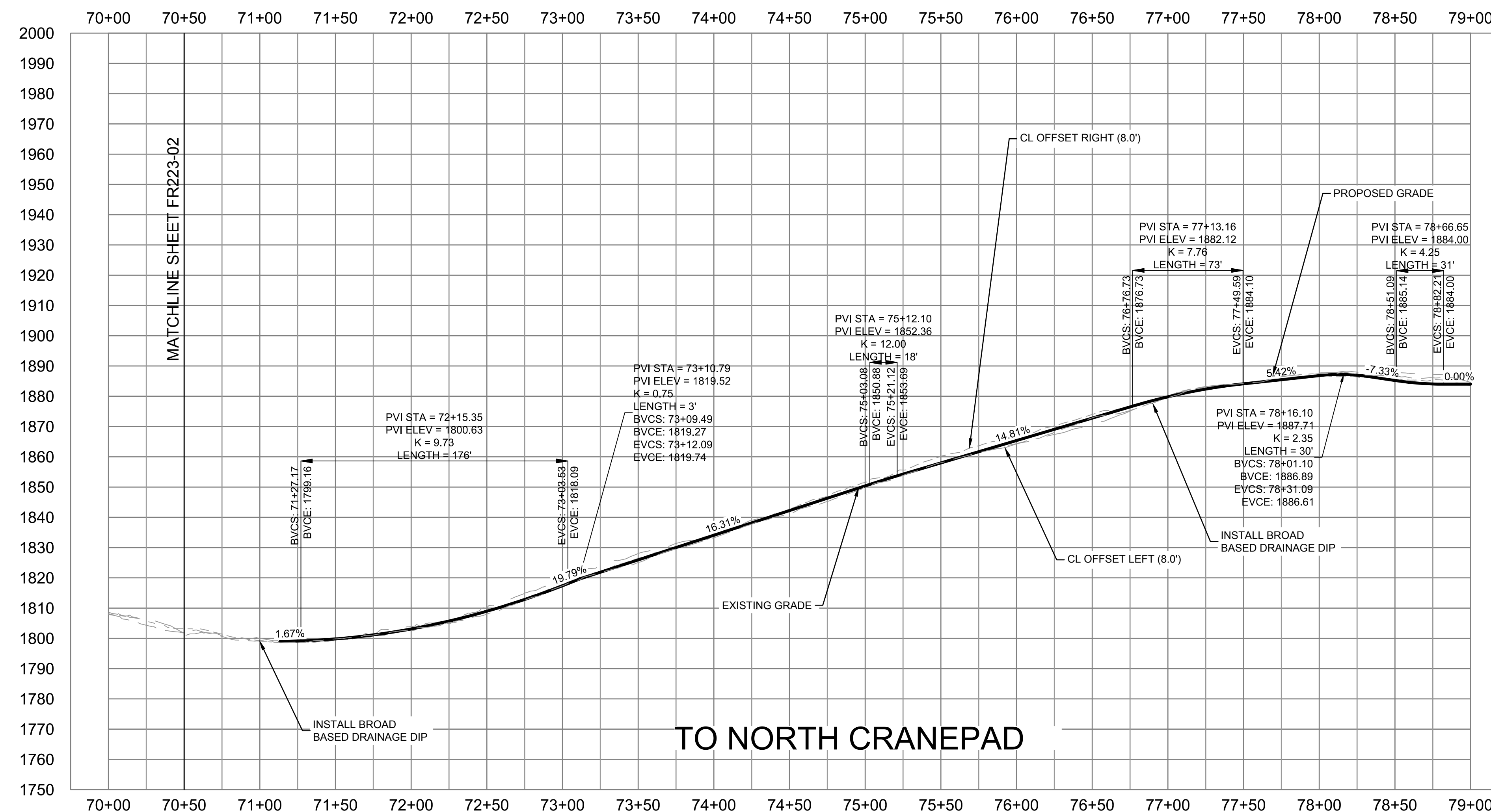
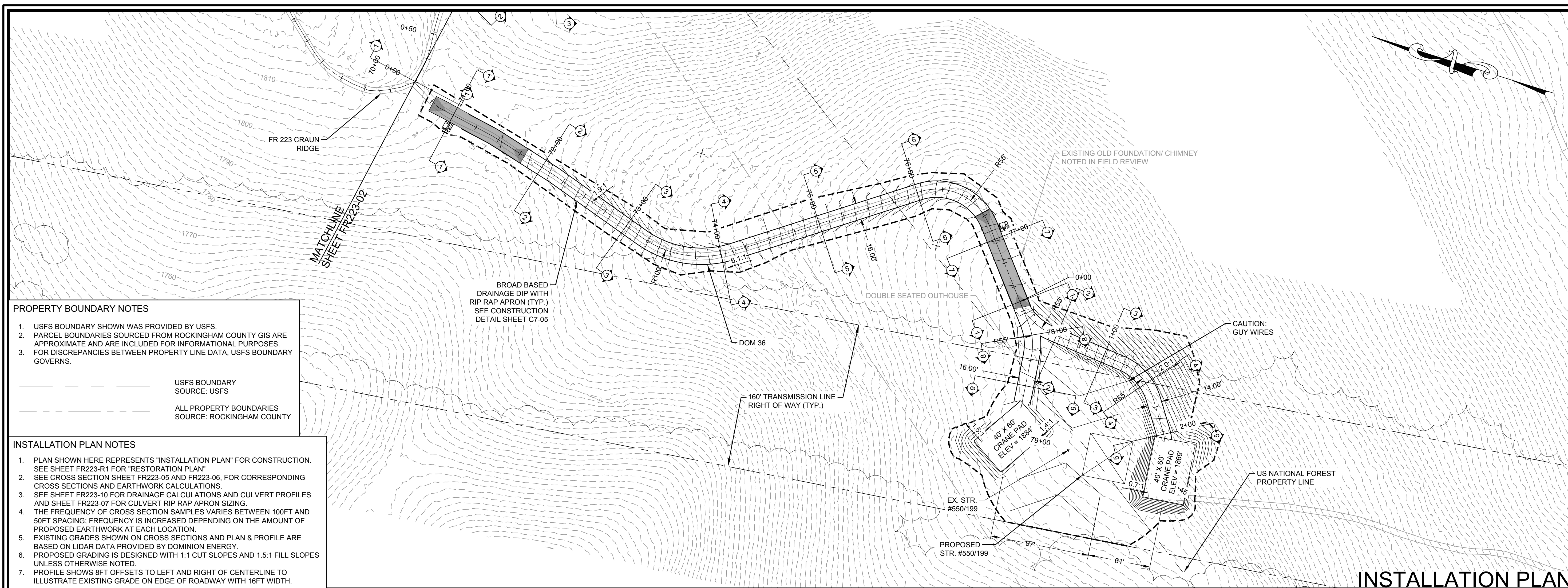
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FR 223 CRAUN
RIDGE & DOM 30
PLAN & PROFILE

PROJECT NO. 50106442

FR223-04

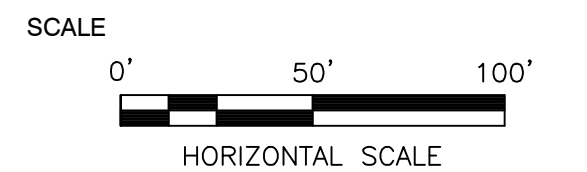
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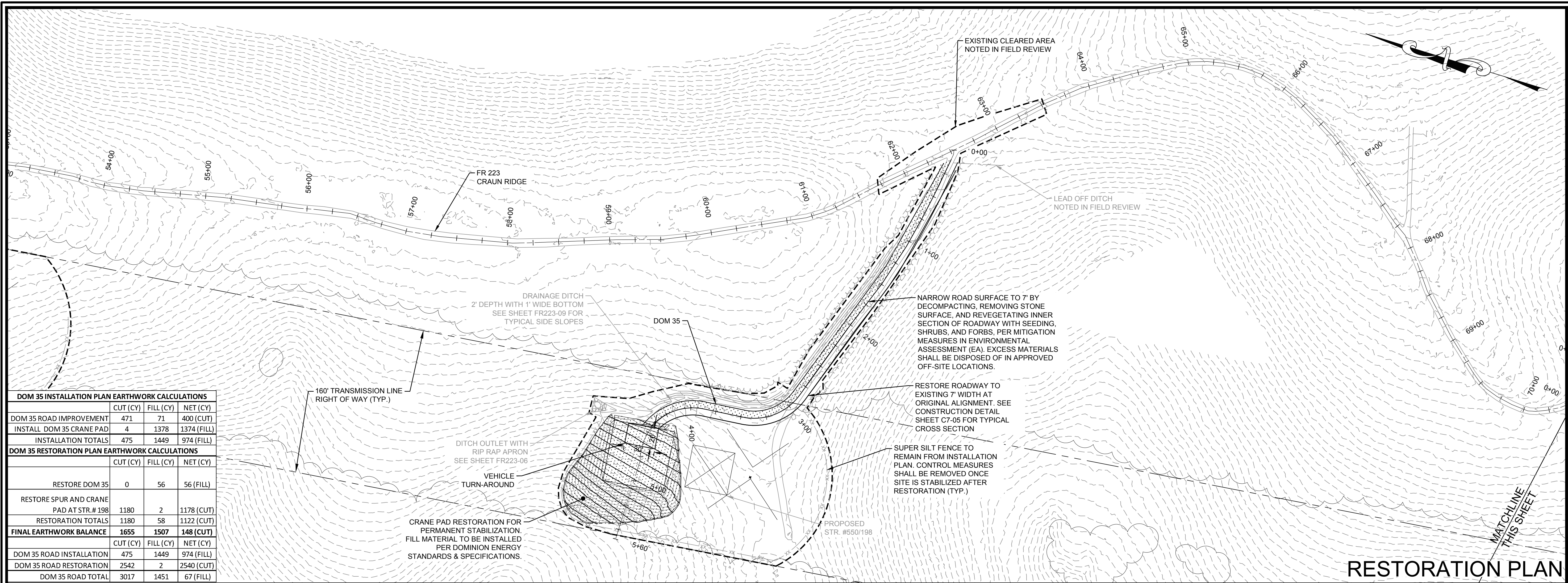
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DOM 35 & DOM 36
RESTORATION
PLAN

PROJECT NO. 50106442

FR223-R1

SHEET NO.



DOM 35 INSTALLATION PLAN EARTHWORK CALCULATIONS			
	CUT (CY)	FILL (CY)	NET (CY)
DOM 35 ROAD IMPROVEMENT	471	71	400 (CUT)
INSTALL DOM 35 CRANE PAD	4	1378	1374 (FILL)
INSTALLATION TOTALS	475	1449	974 (FILL)
DOM 35 RESTORATION PLAN EARTHWORK CALCULATIONS			
	CUT (CY)	FILL (CY)	NET (CY)
RESTORE DOM 35	0	56	56 (FILL)
RESTORE SPUR AND CRANE PAD AT STR.# 198	1180	2	1178 (CUT)
RESTORATION TOTALS	1180	58	1122 (CUT)
FINAL EARTHWORK BALANCE	1655	1507	148 (CUT)
	CUT (CY)	FILL (CY)	NET (CY)
DOM 35 ROAD INSTALLATION	475	1449	974 (FILL)
DOM 35 ROAD RESTORATION	2542	2	2540 (CUT)
DOM 35 ROAD TOTAL	3017	1451	67 (FILL)

